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Title : Need to install Doppler Radar System in Koyana Region of District Satara, Maharashtra.

SHRI SHRINIWAS DADASAHEB PATIL (KARAD):Koyana region and Mahabaleshwar region in Satara District of Maharashtra are located in the western ghats of India.

The area receives heavy rainfall, due to which flood situation arises in Krishna and Koyana rivers causing damage to life and property for karad and Sangli cities. Koyana Dam on Koyana River, Dhom Dam on Krishna River. Kanher Dam on Venna river. Warana Dam on Warana river are some of the major dams in these area. Simultaneous discharge of excess water from these dams causes flood which is experienced in the last two years.

Heavy precipitation at Mahabaleshwar is the main cause of floods. Water takes 8 hours from Mahabaleshwar to reach Koyana Dam. Storage and discharge management in heavy rains become a difficulty and thus unpredictable situations, cause floods.

Forecasting of heavy rainfall thus would benefit the discharge of water management from these dams, hence a state-of-the-art Doppler Radar System in the Koyana region may be installed on priority.